

Model # GPW1800  
1800 PSI  
**PRESSURE WASHER**  
**INSTRUCTION MANUAL**



Thank you for purchasing Model GPW1800 1800 PSI Pressure Washer. This manual provides important information on properly operating and maintaining this Model GPW1800 1800 PSI Pressure Washer. Every effort has been made to ensure the accuracy of this manual. We reserve the right to change this product at any time without prior notice.

This manual contains important information regarding safety, operation, maintenance and storage of this product. Before use, read carefully and understand all warnings, cautions, instructions and labels. Failure to do so could result in serious personal injury, property damage or even death.

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

**STOP!**

**DO NOT RETURN THIS PRESSURE WASHER TO THE RETAILER.**

Questions? Problems? **CONTACT CUSTOMER SERVICE.**

If you experience a problem or need to return this Pressure Washer for repair, call our customer help line at 1-888-287-6981, Monday-Friday, 8 AM - 4 PM Central Time. A copy of the sales receipt is required.

**FOR CONSUMER USE ONLY – NOT FOR PROFESSIONAL USE**

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# RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS

## What You Need to Know About Safety Instructions

Warning and Important Safety Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when operating or cleaning tools and equipment.

Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.



CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

### **WARNING**

*The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.*

### **WARNING**

*GASOLINE IS HIGHLY FLAMMABLE AND EXPLOSIVE. YOU COULD BE BURNED OR SERIOUSLY INJURED IF THE GASOLINE IS IGNITED. Before refueling, stop the engine and keep heat, sparks and flame away. Handle fuel only outdoors. Do not fill the fuel tank above the upper limit line. Wipe up spills immediately.*

### **DANGER**

*EXHAUST CONTAINS POISONOUS CARBON MONOXIDE GAS THAT CAN BUILD UP TO DANGEROUS LEVELS IN CLOSED AREAS. BREATHING CARBON MONOXIDE CAN CAUSE UNCONSCIOUSNESS OR DEATH. Never run the generator in a closed or even partly closed area where people may be present.*

#### Notice Regarding Emissions:

Engines certified to comply with California and U.S. EPA emission regulations for SORE (Small Off Road Equipment) are certified to operate on regular unleaded gasoline and may include the following emission control systems: Three-Way Catalyst (TWC) (if equipped), and Engine Modifications (EM).

## IMPORTANT SAFETY INSTRUCTIONS

# STOP!

Before using this product, if you have any questions regarding the hazard and safety notices listed in this manual and/or on this product, call 1-888-287-6981, Monday - Friday, 8 AM - 4 PM Central Time.

### **DANGER**

**Carbon Monoxide Gas:** When in operation, the exhaust from this product contains poisonous carbon monoxide gas. Carbon monoxide gas is both odorless and colorless AND may be present even if you do not see or smell gas. Breathing this poison gas can lead to headaches, dizziness, drowsiness, loss of consciousness and eventually death.

- Use this product ONLY outdoors in non-confined areas.
- Keep at least several feet of clearance on all sides to allow proper ventilation for this Pressure Washer.

### **WARNING**

**Chemicals:** According to the State of California, the exhaust from this product contains chemicals known to cause cancer, birth defects, or other reproductive harm.

### **WARNING**

**Flammable Gasoline:** This product may emit highly flammable and explosive gasoline vapors, which can cause severe burns or even death. A nearby open flame can lead to an explosion even if not directly in contact with gasoline.

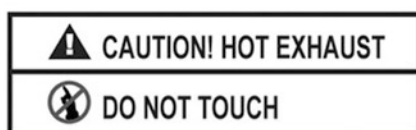
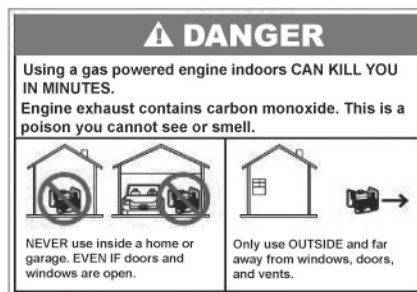
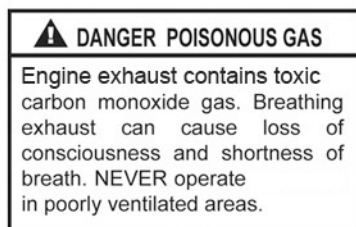
- Do not operate this product near open flame.
  - Do not smoke near this product.
  - Always operate this product on a firm, level surface.
- Gasoline is highly flammable and explosive. Handling fuel can result in serious injury or burns.
- Always shut down this product before refueling. Refuel in a well-ventilated area. Keep heat, sparks and flame away while refueling and away from the location where gasoline is stored. Never refuel indoors where gasoline fumes may reach flames and/or sparks.
  - Allow this product to cool for at least 2 minutes before removing the fuel tank cap. Loosen the cap slowly to relieve pressure in the fuel tank. Avoid spilling fuel.
  - Do not fill the fuel tank above the upper limit line. Gasoline may expand during operation. Do not fill to the top of the tank.
  - Always check for spilled gasoline and immediately wipe it up before starting this product.
  - Empty the fuel tank before storing or transporting this product.
  - Always handle fuel outdoors.
  - Before transporting, turn the fuel valve to the "OFF" position and disconnect the spark plug.

### **DANGER**

**High Temperatures:** This product produces heat when in operation. Temperatures near the exhaust can exceed 150 Degrees Fahrenheit (65 Degrees Celsius).

- Do not touch hot surfaces. Observe all warning placards on this product denoting hot surfaces.
- Allow this product to cool for several minutes after use before touching the engine, muffler or other areas that are hot during operation and before storing indoors.
- Hot exhaust may ignite some materials. Keep flammable materials away from this product.
- Keep at least several feet of clearance on all sides of this product during operation. Do not enclose this product in any structure.

In addition to the previously described safety information, familiarize yourself with all safety and hazard placards on this Pressure Washer.



## PACKAGE CONTENTS

The following items are supplied with Model GPW1800 1800 PSI Pressure Washer. Verify that all items are included.

# STOP!

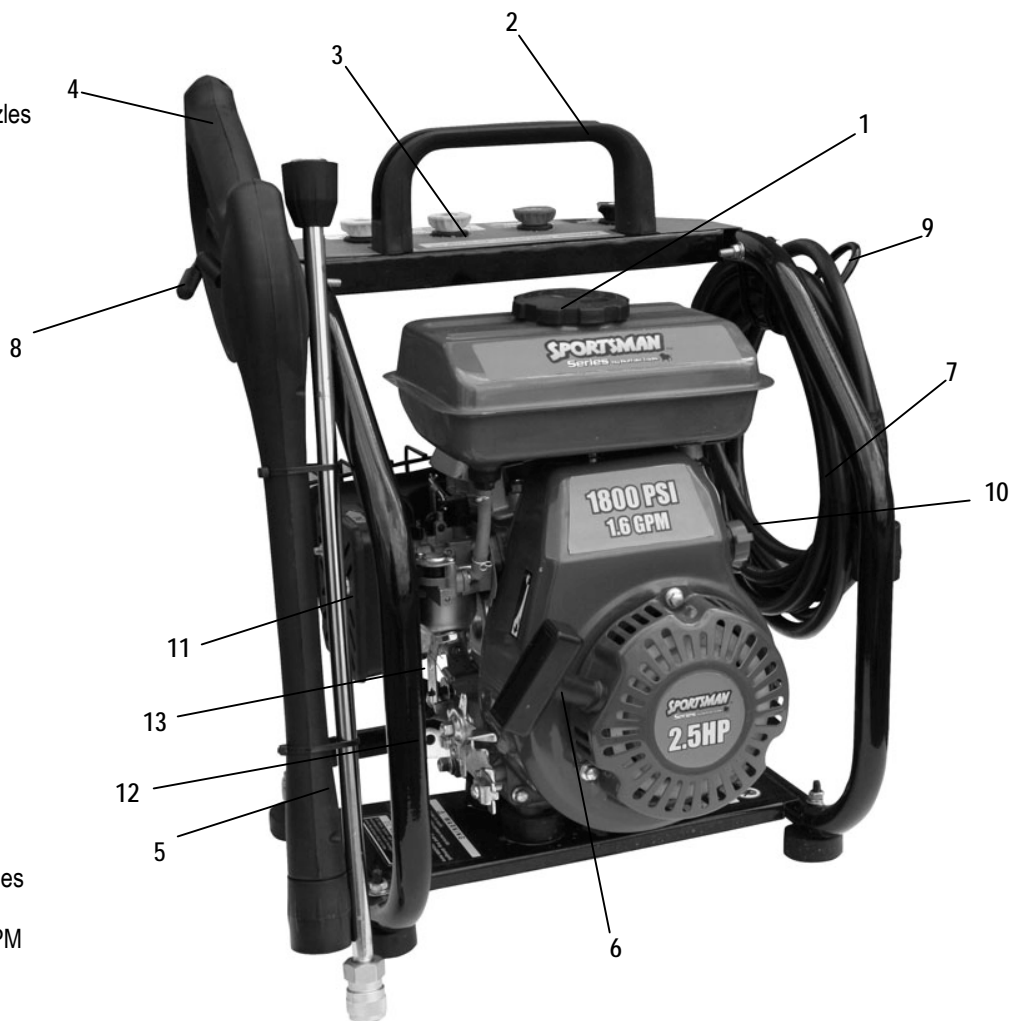
If there are missing items, call 1-888-287-6981, Monday - Friday, 8 AM - 4 PM Central Time for customer service. **DO NOT RETURN THIS PRODUCT TO THE RETAILER.**

Item List:	
	20 Ft. Hose
	1 Wand and 1 Trigger Grip
	4 Quick Connect Spray Nozzles
	Grip Rest
	Hose Rest
	Brass Quick-Connect
	Cleaning Solution Filter and Hose Adaptor

## COMPONENTS

Observe the locations and functions of the various components and controls.

- 1) Fuel Tank Cap
- 2) Handle
- 3) 4 Quick Connect Spray Nozzles
- 4) Trigger Handle
- 5) Wand
- 6) Recoil Starter
- 7) 20 Ft High Pressure Hose
- 8) Grip Rest
- 9) Hose Rest
- 10) Engine Switch
- 11) Air Filter
- 12) Choke
- 13) Fuel Valve



## FEATURES:

- 4-Stroke Engine
- Recoil Start
- Automatic Low Oil Shutdown
- 4 Quick Connect Pressure Nozzles
- Brass NPT Quick Connectors
- Pump Type: Direct Drive 1.6 GPM
- Engine Displacement: 98cc
- Engine Horsepower: 2.5 HP
- Fuel Type: Unleaded Gasoline
- Fuel Tank Capacity: 0.4 Gallons

## Assembly

Before starting the Pressure Washer, you may need to assemble some components:

The Grip Rest and the Hose Rest may need to be attached to the frame.

The Injection Hose may need to be attached. The hose can be placed into a bucket of cleaning solution.

The Quick Connect may also need to be assembled.



Grip Rest



Hose Rest



Injection Hose



Quick Connect

# PREPARING THE PRESSURE WASHER FOR USE

## Using this Pressure Washer for the First Time

# STOP!

## CAUTION

The following section describes the required steps for preparing this Pressure Washer for the first use. Failure to correctly perform these steps can damage this Pressure Washer and/or shorten its life. If still unsure about how to perform any of these steps after reading this section, call 1-888-287-6981 Monday - Friday, 8 AM - 4 PM Central Time for customer service.

If this Pressure Washer is being used for the first time, the following few steps are required to prepare it for operation:

### Step 1 - Add Oil

When new from the package, this Pressure Washer contains no oil in the engine crankcase. This Pressure Washer requires engine oil to function. Engine oil is a major factor affecting engine performance and service life. The correct quantity of oil is equal to the oil capacity of the engine crankcase and is listed below. Add the correct quantity of oil before operating this Pressure Washer for the first time. When replenishing oil for subsequent use of this Pressure Washer, always determine that this Pressure Washer has the correct quantity of oil.

Oil Capacity (fluid oz.)	4.7
Oil Type Recommended	SAE30W Non Detergent

To add oil:

1. Confirm that this Pressure Washer is on a level surface.
2. Open the Oil Cap as illustrated in Figure 2.
3. Using a funnel, add oil to fill the engine crankcase to the correct quantity as stated above.



Figure 2

### Step 2 - Add Gasoline

#### **WARNING**

Gasoline and gasoline fumes are highly flammable and explosive. Handling fuel can result in serious injury or burns.

- Do not fill the fuel tank near a heat, sparks or an open flame. Keep gasoline away from appliance pilot lights, barbecues, electric appliances, power tools, etc.
- Do not overfill the fuel tank. Always check for fuel spills and immediately wipe them up. Spilled fuel is a fire hazard and causes environmental damage.

To add gasoline:

To ensure that this Pressure Washer runs smoothly, use only FRESH, UNLEADED GASOLINE WITH AN OCTANE RATING OF 87 OR HIGHER. Unleaded gasoline produces fewer engine and spark plug deposits and extends the life of the exhaust system.

1. Confirm that this Pressure Washer is on a level surface.
2. Unscrew fuel tank cap and set aside. (NOTE: The fuel tank cap may be tight and difficult to unscrew.)
3. Slowly add fresh, unleaded gasoline (with an octane rating 87 or higher) to the fuel tank. Be careful not to fill the fuel tank above the upper limit line. The fuel tank capacity for this Pressure Washer is listed below. NOTE: Because gasoline can expand, do not fill the fuel tank to the very top.
4. Securely tighten the fuel tank cap and immediately wipe up any spilled gasoline with a dry cloth.

Fuel Tank Capacity (gals)	0.40
Fuel Type	Fresh, Unleaded Gasoline Octane Rating 87 or Higher



## STARTING THE PRESSURE WASHER

# STOP!

Before starting this Pressure Washer, confirm that all the steps in the section titled, "Preparing the Pressure Washer for Use," of this manual have been correctly completed. If unsure about how to perform any of these steps, call 1-888-287-6981, Monday - Friday, 8 AM - 4 PM Central Time for customer service.

### **⚠ WARNING**

The sound power level emitted by this machinery is 97db during normal operation. Do not use for long periods of time. Wear earplugs for protection.

### **⚠ WARNING**

The vibration of handle and controller are about 2.0m/S(2) during normal operation. Please wear protective goggles, gloves and sturdy non-slip shoes when operating the machine.

To start this Pressure Washer:

1. Confirm that Oil has been properly added.
2. Confirm that Gas has been properly added
3. Turn the fuel valve to the "on" position.
4. Move the choke lever to the "closed" position.
5. Set the engine switch to the "on" position. (Figure 3)
6. Slowly pull on the recoil starter handle until a slight resistance is felt. Then pull briskly to start the engine.  
Gently return the cord into the Pressure Washer to avoid damage to the starter or housing. Never allow the cord to snap back.
7. If the engine fails to start, repeat step 6. NOTE: After repeated attempts to start the engine, consult the troubleshooting guide before attempting again. If problems persist, call 1-888-287-6981, Monday - Friday, 8 AM - 4 PM Central Time.
8. Once the engine has started and runs for about a minute, move the choke lever approximately half way towards the "open" position. Wait an additional 30 seconds and then move the choke lever completely over to the "open" position.
9. Allow this Pressure Washer to run for several minutes before beginning the project.
10. Attach the wand to trigger (Figure 4) and attach supply hose to trigger. (Figure 5)
12. Be certain water is turned off and water hose is connected to water source. Then attach Quick Connect to opposite end of hose and then to the Pressure Washer. (Figure 6)
13. Add the proper spray nozzle: (Figure 7)



Figure 3



Figure 4



Figure 5



Figure 6

Red = 0° High Pressure: The water stream discharged is very aggressive. For Heavy cleaning of stubborn dirt and stains. Use with extreme caution to prevent damage or injury to the surface being cleaned or injury to persons or animals. DO NOT POINT SPRAY NOZZLE AT A PERSON.

Yellow = 25° High Pressure: Used for most cleaning applications. It provides wide coverage and powerful stream. Narrow spray for stripping paint, cleaning siding and decks.

White = 40° High Pressure: Use for heavy cleaning with a wide coverage over a larger area. For Decks, Driveways, Boats.

Black = 84° Low Pressure: Provides low pressure spray. Used primarily when operating injection hose for cleaning.



Figure 7

## STOPPING THE PRESSURE WASHER

To stop this Pressure Washer:

1. Set the engine switch to the "OFF" position.
2. Turn the fuel valve to the "OFF" position.

### **WARNING**

Allow this Pressure Washer to cool down before touching areas that become hot during operation.

### **CAUTION**

Allowing gasoline to sit in this Pressure Washer's fuel tank for extended time without use can increase the difficulty in starting this Pressure Washer in the future. Never store this Pressure Washer for extended time with gasoline in the fuel tank.

## MAINTENANCE/CARE

Proper routine maintenance of this Pressure Washer is essential for safe, economical, and trouble-free operation. It will help prolong the life of this Pressure Washer as well as help reduce air pollution.

### **CAUTION**

Never perform maintenance procedures while this Pressure Washer is running. Allow this Pressure Washer to cool before commencing any maintenance procedures. Keep heat, sparks and flame away.

### **WARNING**

Improper maintenance and/or failure to correct any problems prior to operating this Pressure Washer can cause a malfunction which could cause death or serious injury. Always follow the inspection and maintenance recommendations and schedules in this manual.

During the winter months, icing may build in the carburetor. If this develops, the engine may run rough, lose power and may stall. This temporary condition can be overcome by deflecting some of the hot air from the engine over the carburetor area.

Another method of reducing risks of freeze damage is to drain your pressure washer as follows:

1. Stop the pressure washer and detach supply hose and high pressure hose. Squeeze the trigger of the discharge gun to drain all water from the wand and hose.
2. Restart the pressure washer and let it run briefly (about 5 seconds) until water no longer discharges from the high pressure outlet.

## Checking the Oil Level

It is important to check the oil level in the engine crankcase before each use to ensure that there is a sufficient quantity.

To check the oil level:

1. Verify that this Pressure Washer is shut down and on a level surface.
2. Unscrew the oil cap from the engine.
3. There should be oil in the engine. If there is no oil, add oil until the engine crankcase is filled.
5. Confirm that the oil cap is properly in place when finished verifying the oil level.

**NOTE:** Never dispose of used motor oil in the trash, down a drain or on the ground. Put oil in a sealed container and contact your local recycling center or auto garage to arrange oil disposal.

Oil Capacity (fluid oz)	4.7
Oil Type Recommended	SAE-30W Non-Detergent

## STORAGE/TRANSPORT PROCEDURES

### CAUTION

Do not store gasoline for more than 3 months.

### CAUTION

Never place any type of storage cover on this Pressure Washer while it is still hot.

### CAUTION

Prior to restarting, thaw out any possible ice from the pressure washer hoses, spray gun and wand.

When transporting or storing this Pressure Washer for extended time:

1. Allow Pressure Washer to fully cool before moving it. A hot engine and exhaust system can burn you and ignite some materials.
2. Empty the fuel tank.
3. Turn the fuel valve to the "off" position.
4. Disconnect the spark plug.
5. Do not obstruct any ventilation openings.
6. Do not drop or strike this Pressure Washer while moving it.
7. Store this Pressure Washer in a cool dry area, free of excessive dust.

If you must store your pressure washer in a location where the temperature is below 32°F, you can minimize the chance of damage to your machine by utilizing the following procedure:

1. Shut off water supply and relieve pressure in the spray gun by depressing the trigger. Disconnect the garden hose from the pressure washer, but leave the high pressure hose connected.
2. Tip the unit on it's side with the inlet connection pointing up.
3. Insert a small funnel (to prevent spilling) into the inlet and pour in approximately ¼ cup of RV antifreeze.
4. Disconnect spark plug wire.
5. Without connecting garden hose, pull the recoil several times to circulate the antifreeze in the pump system.
6. Disconnect spark plug wire.

Another method of reducing risks of freeze damage is to drain your pressure washer as follows:

1. Stop the pressure washer and detach the supply hose and the high pressure hose. Squeeze the trigger of the discharge gun to drain all water from the wand and hose.
2. Restart the pressure washer and let it run briefly (about 5 seconds) until water no longer discharge from the high pressure outlet.

## TROUBLESHOOTING

**IMPORTANT:** If trouble persists, call our customer help line at 1-888-287-6981, Monday - Friday, 8 AM - 4 PM Central Time.

PROBLEM	PROBLEM CAUSE	CORRECTION
Engine will not start or stops while operating.	Low-oil shutdown	Fill engine with oil
	Engine switch not in "ON" position	Turn switch "ON"
	Pressure built up in the hose	Squeeze trigger while starting
Engine is overloaded	Nozzle partially blocked	Clean nozzle
	Excessive pressure	Shorten the spring coil of the reflux valve
Pressure increases when gun is closed	Bypass valve blocking	Clean the bypass valve
Engine running but pumps not building maximum pressure or has irregular pressure	Faucet closed	Open faucet
	Unit has been stored in freezing temperatures.	Thaw out unit completely including hose, gun and wand.
	Inadequate water supply	Provide a minimum of 4 gpm at 20psi
	Water inlet screen clogged	Clean screen
	Kink in garden hose	Straighten garden hose
	Wand nozzle worn or damaged	Replace nozzle
	Air in pump	Let it run with gun open and wand removed until steady stream of water is released.
	Adjustable pressure knob not set to maximum position	Set to maximum position
	Suction or discharge valves clogged or worn out	Clean the suction or discharge valves
	Bypass valve not operating effectively	Clean the bypass valve
No intake of chemicals	Injection tube not securely inserted into unit	Push firmly into injector
	Tube cracked or split	Replace tube
	Wrong nozzle	Switch to low pressure nozzle
	Injector turned off	Turn collar counter clockwise
	The axle of the inner aperture of the threeway cock is different	Use a threeway cock with the imbibition function
	Injection tube strainer clogged	Clean strainer
	Nozzle blocked	Clean nozzle
	Dried chemicals injector	Dissolve by running warm water
Trigger will not move	Gun safety lock engaged	Release safety lock
Water in crankcase	High humidity	Change oil more frequently
	Worn seals	Change the oil seals
Noisy operation	Worn bearings	Change the bearing
	Air mixed with water	Check inlet lines for restrictions and/or proper sizing
Rough/pulsating operating with pressure drop	Inlet restriction	Check system for stoppages, air leaks, correctly sized inlet plumbing to pump
	Unloader	Check unloader for proper operation
	Air mixed in water	Check inlet lines for restrictions and/or proper sizing
High crankcase temperatures	Wrong grade of oil	Use recommended oil
	Improper amount of oil in crankcase	Adjust oil level to proper amount